



HITACHI

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Security Notice

This letter forwards Security-Related Information to be withheld in accordance with 10 CFR 2.390. Upon the removal of Enclosure 2, the balance of this letter may be considered non-Security-Related.

MFN 14-063, Supplement 1

Docket number: 52-045

November 3, 2014

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

Subject: NRC Request for Additional Information Letter Number 1 Related to Chapters 6, 8, and 19 for GE-Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application – GEH Supplemental Response to RAI 19-5

References:

1. Letter from USNRC to Jerald G. Head, GEH, Subject: Request for Additional Information Letter No. 1 Related to Chapters 6, 8, and 19 for GE-Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application, April 24, 2014
2. Letter from Jerald G. Head, GEH, to USNRC, Subject: NRC Request for Additional Information Letter Number 1 Related to Chapters 6, 8, and 19 for GE-Hitachi Nuclear Energy Advanced Boiling Water Reactor Design Certification Rule Renewal Application – GEH Responses to RAI 19-1, 19-2, 19-3, 19-4 and 19-5, September 24, 2014

In regard to the Requests for Additional Information transmitted in your April 24, 2014 letter, Reference 1, GEH's responses were provided in Reference 2. In regard to RAI 19-5, Enclosure 3 of Reference 2 provided eight ABWR DCD security-related figures. During work by our contractors to update the ABWR Aircraft Impact Analysis Report to address RAI 19-5, inconsistencies in three figures were identified that required those figures to be revised. The figures that required revision are Figures 9A.4-2, 9A.4-5, and 9A.4-6.

Enclosure 1 of this supplemental response to RAI 19-5 describes the additional changes to Figures 9A.4-2, 9A.4-5, and 9A.4-6 not already depicted in Reference 2.

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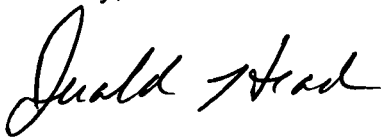
Enclosure 2 contains the three revised DCD figures associated with this supplemental response. No other aspect of Reference 1 is modified in any way.

The figures in Enclosure 2 are Security-Related Information marked with the designation “{{{Security-Related Information – Withhold Under 10 CFR 2.390}}}.” GEH requests that the NRC withhold from public disclosure Enclosure 2 in its entirety in accordance with the provisions of 10 CFR 2.390. Since the figures in Enclosure 2 are Security-Related Information in their entirety, no public version of Enclosure 2 is provided.

If you have any questions concerning this letter, please contact Peter Yandow at 910-819-6378.

I declare under penalty of perjury that the foregoing information is true and correct to the best of my knowledge, information, and belief.

Sincerely,



Jerald G. Head
Senior Vice President, Regulatory Affairs

Commitments: No additional commitments are made in this response.

Enclosures:

1. GEH Supplemental Response to RAI 19-5 – Description of Changes to Figures 9A.4-2, 9A.4-5, and 9A.4-6
2. GEH Supplemental Response to RAI 19-5 - ABWR DCD Revised Figures 9A.4-2, 9A.4-5, and 9A.4-6 – Security-Related Information

cc: Adrian Muniz, NRC
Peter Yandow, GEH
Hugh Upton, GEH
Patricia Campbell, GEH
Shailesh Sheth, GEH
Gary Ehlert, GEH
Larry Tucker, GEH
Tim Enfinger, GEH
James Beard, GEH
DBR-0001946, Revision 1

Enclosure 1

MFN 14-063, Supplement 1

GEH Supplemental Response to RAI 19-5

Description of Changes to Figures 9A.4-2, 9A.4-5, and 9A.4-6

Table – Changes to Fire Zone Figures Associated with Supplemental Response to RAI 19-5

Figure	Changes Associated with this Supplemental Response
Figure 9A.4-2	Revised 5 psid and 3 hr. fire barrier adjacent to elevator in Southwest quadrant of building.
Figure 9A.4-5	Revised fire barrier adjacent to the elevator in the Northeast quadrant of the building.
Figure 9A.4-6	Deleted a fire barrier around an FPC Heat Exchanger hatch (R1-RD), and added a missing label to a fire zone (R6-RG).